

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: October 5, 2004, 11:24:28 ; Search time 8.05 Seconds
(without alignments)
493.814 Million cell updates/sec

Title: US-09-840-795-17
Perfect score: 77
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Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 389414 seqs, 51625971 residues

Word size : 0

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-Processing: Listing first 45 summaries

Database : Issued Patents AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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| 2 | 56 | 72.7 | 299 | US-09-548-130-3 | Sequence 3, Appli |
| 3 | 56 | 72.7 | 299 | US-10-119-466-12 | Sequence 12, Appli |
| 4 | 6 | 7.8 | 223 | US-09-252-991A-20528 | Sequence 20528, A |
| 5 | 6 | 7.8 | 266 | US-09-543-681A-5038 | Sequence 5038, Ap |
| 6 | 6 | 7.8 | 275 | US-09-252-991A-18717 | Sequence 18717, A |
| 7 | 6 | 7.8 | 337 | US-09-252-991A-28595 | Sequence 28595, A |
| 8 | 6 | 7.8 | 346 | US-08-744-779A-2 | Sequence 2, Appli |
| 9 | 6 | 7.8 | 346 | US-08-862-531-2 | Sequence 2, Appli |
| 10 | 6 | 7.8 | 356 | US-09-252-991A-25656 | Sequence 25656, A |
| 11 | 6 | 7.8 | 388 | US-09-540-236-3444 | Sequence 3444, Ap |
| 12 | 6 | 7.8 | 333 | US-09-194-905-13 | Sequence 13, Appli |
| 13 | 6 | 7.8 | 395 | US-09-328-352-6660 | Sequence 6660, Ap |
| 14 | 6 | 7.8 | 420 | US-09-252-991A-29544 | Sequence 29544, A |
| 15 | 6 | 7.8 | 426 | US-09-972-784-2 | Sequence 2, Appli |
| 16 | 6 | 7.8 | 440 | US-09-252-991A-19593 | Sequence 19593, A |
| 17 | 6 | 7.8 | 443 | US-09-543-681A-5452 | Sequence 5452, Ap |
| 18 | 6 | 7.8 | 460 | US-09-252-991A-27768 | Sequence 27768, A |
| 19 | 6 | 7.8 | 566 | US-09-489-039A-8217 | Sequence 8217, Ap |
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| 22 | 6 | 7.8 | 686 | US-09-489-039A-13507 | Sequence 13507, A |
| 23 | 6 | 7.8 | 742 | US-09-252-991A-29239 | Sequence 29239, A |
| 24 | 6 | 7.8 | 746 | US-09-548-797B-4 | Sequence 4, Appli |
| 25 | 6 | 7.8 | 787 | US-08-720-484A-4 | Sequence 4, Appli |
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| 42 | 6 | 7.8 | 978 | 2 | US-08-415-593-43 | Sequence 43, Appli |
| 43 | 6 | 7.8 | 1049 | 4 | US-09-252-991A-17298 | Sequence 17298, A |
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| 45 | 6 | 7.8 | 3256 | 4 | US-09-976-594-22 | Sequence 22, Appli |

ALIGNMENTS

RESULT 1
US-09-548-130-6
; Sequence 6, Application US/09548130
; Patent No. 6534061
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
; FILE REFERENCE: PI739R1
; CURRENT APPLICATION NUMBER: US/09/548,130
; CURRENT FILING DATE: 2000-04-12
; EARLIER APPLICATION NUMBER: US 60/128,849
; EARLIER FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 6
; LENGTH: 297
; TYPE: PRT
; ORGANISM: Human
US-09-548-130-6

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RESULT 2
US-09-548-130-3
; Sequence 3, Application US/09548130
; Patent No. 6534061
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
; FILE REFERENCE: PI739R1
; CURRENT APPLICATION NUMBER: US/09/548,130
; CURRENT FILING DATE: 2000-04-12
; EARLIER APPLICATION NUMBER: US 60/128,849
; EARLIER FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 3
; LENGTH: 299
; TYPE: PRT

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OM protein - protein search, using sw model

Run on: October 5, 2004, 11:24:28 ; Search time 24.15 Seconds
(without alignments)
493.814 Million cell updates/sec

Title: US-09-840-795-19
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Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0
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Word size : 0
Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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| 3 | 115 | 49.8 | 299 | 4 | Sequence 3, Appli |
| 4 | 8 | 3.5 | 151 | 3 | Sequence 12, Appl |
| 5 | 8 | 3.5 | 210 | 3 | Sequence 4, Appli |
| 6 | 8 | 3.5 | 487 | 4 | Sequence 3, Appli |
| 7 | 8 | 3.5 | 626 | 2 | Sequence 6767, Ap |
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| 10 | 7 | 3.0 | 131 | 3 | Sequence 9, Appli |
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| 13 | 7 | 3.0 | 184 | 4 | Sequence 9, Appli |
| 14 | 7 | 3.0 | 191 | 4 | Sequence 66, Appl |
| 15 | 7 | 3.0 | 197 | 4 | Sequence 2276, Ap |
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| 17 | 7 | 3.0 | 197 | 4 | Sequence 4, Appli |
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| 22 | 7 | 3.0 | 247 | 4 | Sequence 22217, A |
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| 24 | 7 | 3.0 | 287 | 4 | Sequence 16864, A |
| 25 | 7 | 3.0 | 287 | 4 | Sequence 13, Appl |
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29      7 3.0 288 4 US-09-227-613-15 Sequence 15, Appl
30      7 3.0 313 4 US-09-252-991A-21867 Sequence 21867, A
31      7 3.0 359 4 US-09-540-824-2 Sequence 2, Appl
32      7 3.0 360 4 US-09-439-261-41 Sequence 41, Appl
33      7 3.0 360 4 US-09-227-613-39 Sequence 39, Appl
34      7 3.0 419 1 US-08-385-186-4 Sequence 4, Appl
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37      7 3.0 444 4 US-09-227-613-12 Sequence 12, Appl
38      7 3.0 444 4 US-09-227-613-42 Sequence 42, Appl
39      7 3.0 444 4 US-09-048-888-3 Sequence 3, Appl
40      7 3.0 445 4 US-09-439-261-39 Sequence 39, Appl
41      7 3.0 445 4 US-09-439-261-45 Sequence 45, Appl
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44      7 3.0 462 1 US-08-748-591-4 Sequence 4, Appl
45      7 3.0 462 1 US-08-748-591-9 Sequence 9, Appl

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ALIGNMENTS

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RESULT 1
US-09-548-130-6
; Sequence 6, Application US/09548130
; Patent No. 6534061
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; APPLICANT: Yan, Minhong
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
; FILE REFERENCE: P1739R1
; CURRENT APPLICATION NUMBER: US/09/548,130
; CURRENT FILING DATE: 2000-04-12
; EARLIER APPLICATION NUMBER: US 60/128,849
; EARLIER FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 6
; LENGTH: 297
; TYPE: PRT
; ORGANISM: Human
US-09-548-130-6

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Db 58 CQSCITCAVINRVQKVNCTATSNVCGDCLPRFYRKTRIGLQDQECIPCTKQPTSEVQ 117

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Db 118 CAFQSLVLEADAPTVPPOEATLVALVSSLLVVFILAFGLFFLYCKOFFFNHRCQGGLLQ 177

QY 178 FEADTKAEESLFPVPPSKETSASQVS 205
Db 178 FEADTKAEESLFPVPPSKETSASQVS 205

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RESULT 2
US-09-548-130-3
; Sequence 3, Application US/09548130
; Patent No. 6534061
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; APPLICANT: Yan, Minhong
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
; FILE REFERENCE: P1739R1

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